Access Management Framework

**High Level Design Document**

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1. Introduction

TODO.

1. System Architecture

TODO.

1. Components and Modules
   1. Member Management
      1. Member Registration

|  |  |  |
| --- | --- | --- |
| **1: Member Registration** | | |
| **Use Case Number** | 1 | |
| **Use Case Name** | Member Registration | |
| **References** | **Reference Type** | **Reference** |
| FRSD | 4.3.1.1 |
|  |  |
|  |  |
| **System** | This use case occurs within a system where individuals or organizations can become members. The registration process allows individuals or organizations to provide their information and become members of the Application. | |
| **Actors** | * An Individual or an Organization | |
|  | |
| **Use Case Goal** | The purpose of this use case is to describe the process by which an individual or an organization can register as a member. | |
| **Primary Actors** | * An Individual or an Organization | |
|  | |
| **Preconditions** | * Member must have an email Id | |
| * Provided email id is not registered in the system | |
| * Member should have access to his email account | |
| * Member must agree with the terms and conditions | |
|  | |
|  | |
| **Basic Flow** | * Member requests for registration | |
| * Provide email id | |
| * OTP sent to provided email id after verified | |
| * Member has to submit that OTP | |
| * User has been registered in the system | |
| * A successful message is sent to provided email account | |
| **Alternative Flows** | **Alternative Flow No** | **Alternative Flow** |
| 1 | * If provided email id is already registered, then a proper error message will be shown to member * Member prompted to re-enter |
|  |
| 2 | * Error message will be thrown for wrong Email id * Member prompted to re-enter |
|  |
| 3 | * Error message shown for wrong OTP and member will be redirect to registration page |
| **Notes** | * This use case outlines how a member can registered himself in the system. | |
| **Dependencies** | * User interface for providing information | |
| * Proper input | |
| * Internet connection | |
| * Database Availability | |
| * Validation services | |
| * Email services | |
| * Captcha services | |

1. Data Flow

TODO.

1. User Interfaces

TODO.

1. Communication Protocols

TODO.

1. Security Considerations

TODO.

1. Error Handling

TODO.

1. Performance Considerations

TODO.

1. Testing Strategy

TODO.

1. Dependencies

TODO.

1. Deployment and Release Strategy

TODO.

1. Operational Considerations

TODO.

1. Compliance and Regulations

TODO.

1. Glossary

TODO.

1. References

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